

ABSTRACT OF THE DISCLOSURE

A node includes several devices including a memory, an active device, and an interface that is configured to send and receive coherency messages on an inter-node
5 network coupling the node to another node. The node also includes an address network
configured to convey address packets between the devices. In response to receiving a
coherency message on the inter-node network requesting an access right to a coherency
unit, the interface is configured to send a proxy address packet on the address network. If
the active device is the owner of the coherency unit, the active device is configured to
10 ignore the proxy address packet. In response to the proxy address packet, the memory is
configured to provide the interface with data corresponding to the coherency unit and an
indication of the global access state of the coherency unit in the node.